

TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT
SUPPORT & GENERAL SUPPORT
MAINTENANCE MANUAL INCLUDING
REPAIR PARTS LIST

FOR

SHOP EQUIPMENT, GENERAL PURPOSE
REPAIR, SEMITRAILER MOUNTED

MODEL: SGPRSMD

(NSN 4940-01-006-3229)

MARCH 1984

HEADQUARTERS, DEPARTMENT OF THE ARMY

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAS, Rock Island, IL 61299. A reply will be furnished directly to you.

Operator, Organizational, Direct Support and General Support Maintenance Manual Including Repair Parts List for:

Shop Equipment, General Purpose
Repair, Semitrailer Mounted
Model SGPRSMD
(NSN 4940-01-006-3229)

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this equipment is issued.

Manufactured by: Southwest Truck Body Company
200 Sidney Street P.O. Box 12245
St. Louis, MO 63157

Procured under Contract No. DAA09-81-C-2427

*This manual supersedes TM 9-4940-430-12, 15 February 1982, TM 9-4940-430-34, 22 February 1982, TM 9-4940-430-20P, 20 May 1982, and TM 9-4940-430-34P, 4 May 1982.

INSTRUCTIONS FOR REQUISITIONING PARTS NOT IDENTIFIED BY NSN

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

- 1 - Manufacturer's Federal Supply Code Number - 98255.
- 2 - Manufacturer's Part Number exactly as listed herein.
- 3 - Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4 - Manufacturer's Model Number - SGPRSMD
- 5 - Manufacturer's Serial Number (End Item).
- 6 - Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.
- 7 - If DD Form 1348 is used, fill in all blocks except 4, 5, 6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

- (a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number - 98255 followed by a colon and manufacturer's Part Number for the repair part.

- (b) Complete Remarks field as follows:

Noun: (nomenclature or repair part)
 For: NSN: 4940-01-006-3229
 Manufacturer: Southwest Truck Body Company
 200 Sidney St. P.O. Box 12245 St. Louis, MO 63157
 Model: SGPRSMD
 Serial: (of end item)

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. SCOPE .

a. This manual is published for the use of the personnel to whom the Truck Body Model SGPRSM, Semitrailer Mounted General Purpose is issued.

b. This manual provides information related to the contents of the shop set and includes wiring diagrams (Figures FO-1 through FO-4). For operating and maintenance instructions pertaining to the truck and components other than the shop equipment contents covered in this publication, refer to Appendix A, Reference.

1-2. MAINTENANCE FORMS AND RECORDS. Equipment maintenance forms and records and procedures for their use are contained in DA PAM 738-750 as contained in Maintenance Management Update.

1-3. ADMINISTRATIVE STORAGE. For information necessary to meet Administrative Storage Requirements, refer to TM 740-90-1.

1-4. EQUIPMENT SERVICEABILITY CRITERIA (ESC). There are no Equipment Serviceability Criteria (ESC) technical manuals in existence pertinent to the end item of equipment being covered in this publication.

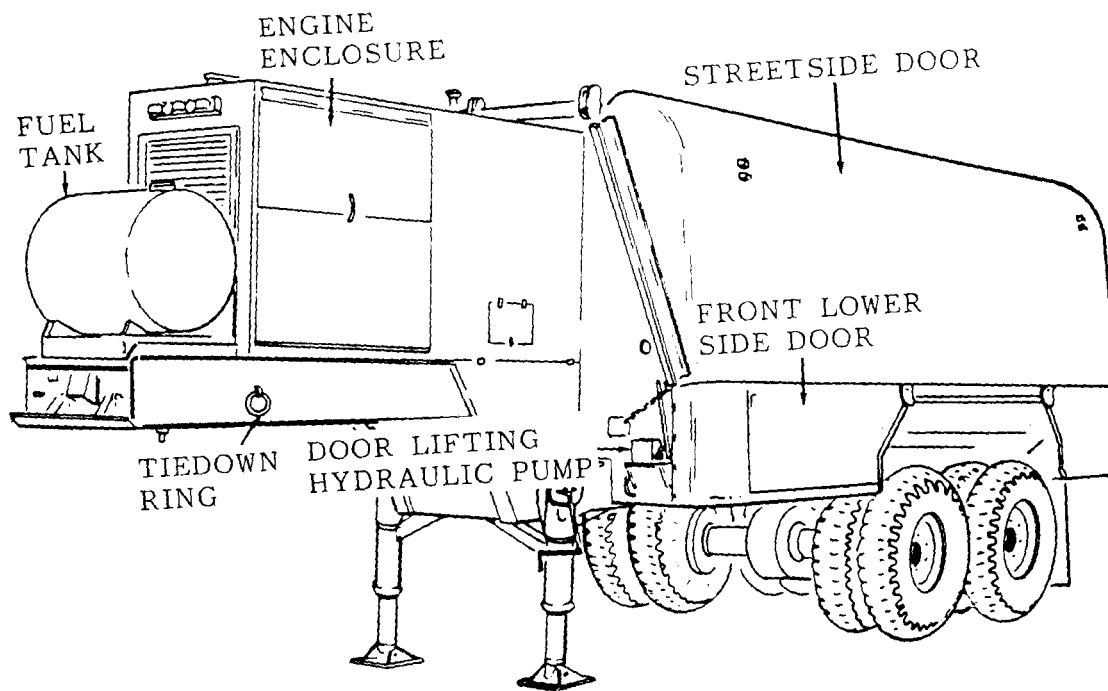
1-5. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE. For procedures required to render this end item unusable by the enemy, refer to TM 750-244-3.

1-6. QUALITY ASSURANCE/QUALITY CONTROL (QA/QC). There is no Quality Assurance/Quality Control (QA/QC) manual in existence containing the applicable requirements for maintenance of the equipment covered in this publication.

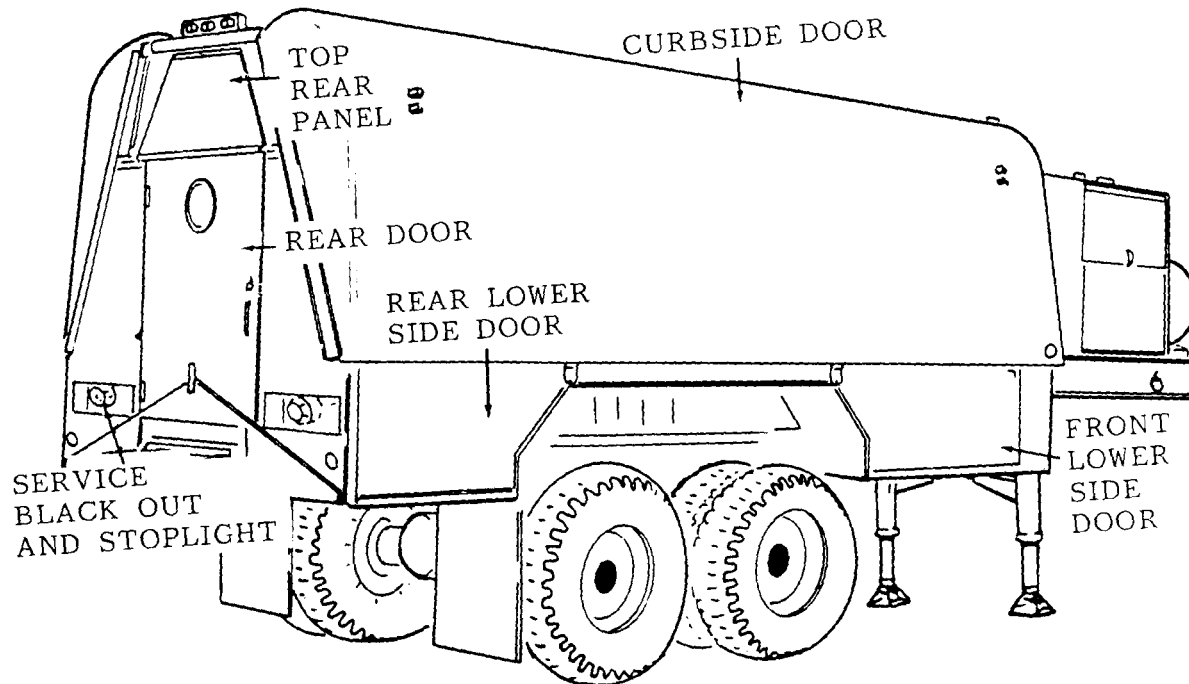
1-7. REPORTING QUALITY DEFICIENCY REPORTS (QDR). QDR's will be prepared on SF 368, Quality Deficiency Report. Instructions for preparing QDR's are provided in DA PAM 738-750 as contained in Maintenance Management Update. QDR's should be mailed directly to Commander, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAO, Rock Island, IL 61299. A reply will be furnished directly to you.

Section II. DESCRIPTION AND DATA

1-8. DESCRIPTION. The Model SGPRSM Shop Set (fig. 1-1) is semi-trailer mounted and contains tools and equipment that are used for maintenance and repair of mechanical equipment. The trailer is equipped with doors to provide easy access to the equipment in the set (fig. 1-2). A weather protected work area may be set up around the trailer (fig. 1-3). A



A. LEFT FRONT 3/4 VIEW.



B. RIGHT REAR 3/4 VIEW.

Figure 1-1. Shop Set, Doors Closed.